

FEB 19 1982

Stepan

Stepan Chemical Company

Northfield, Illinois 60093
Telephone 312 446 7500

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12/4/79

Product Data Sheet

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Date of Prep.: May 11, 1978

Section 1

Product: STEPANFOAM F-506-C

Product Class: Mixed (Polyol - Amine Catalyst) in water solution

Manufacturer's Name: Stepan Chemical Company
Edens & Winnetka Ave.
Address: Northfield, IL 60093

Emergency Telephone No.: 312/446-7500

Section II - Hazardous Ingredients

Ingredient	Percent	TLV		LEL	Vapor Pressure.
		PPM	mg/m ³		
Not Applicable. Data is given on the whole formulation.		About 40-50 (est.)	About 150 (est.)		About 17 mm. of Hg at 70° F or 20° C.

Section III - Physical Data

Boiling Point: 212° F. or 100° C.

Vapor Density ☒ Heavier ☐ Lighter than airEvaporation Rate: ☐ Faster than Ether
☒ Slower% Volatile About
by wt.: 50% Wt. per Gal.: About 9.3#

Section IV - Fire & Explosion Hazard Data

DOT Category: Flammable liquid

Flash Point: 95°F or 35°C.

LEL: Not known.
about 2-3%,
estimated.IATA - Article Number: 2261 (flammable N.O.S.)
Extinguishing Media:

P.M. C.C.

Water, carbon dioxide, dry chemical, foam or sand.
Class A, BC or ABC fire extinguishers.

Unusual Fire and Explosion Hazards:

Pressure will develop in containers if heated over 212°F or 100°C.

Special Fire Fighting Procedures:

Water may be used to cool containers. Use self-contained breathing apparatus if fumes are a problem.

BOE-C6-0189325

Section V -- Health Hazard Data

Threshold Limit Value:

Not established. About 40-50 ppm recommended. May be absorbed through the skin. For toxicity data see Section IX below.

Effects of Overexposure:

Contact with eyes will be painful and irritating. Contact with skin may be irritating. May be absorbed. Fumes will irritate mucous membranes. May cause kidney damage.

Emergency and First Aid Procedures:

Flush eyes with plenty of water for at least 15 minutes. Wash off skin with water. For fumes, remove to fresh air. Give oxygen, if necessary. If any symptoms persist, consult a physician.

Section V -- Reactivity Data

Stability: ☐ Unstable ☒ Stable

Conditions to Avoid:

Incompatibility (Materials to Avoid): Strong acids.

Hazardous Decomposition Products:

If burned, carbon monoxide, carbon dioxide, ammoniacal vapors, nitrogen oxides and smoke may be formed.

Hazardous Polymerization: ☐ May Occur ☒ Will Not Occur

Conditions to Avoid:

Section VII -- Spill or Leak Procedures

Steps to be taken in case of material released or spilled:

Extinguish flames and electrical sparks. Ventilate area. Flush to sewer with water or soak up spill with sand, rags, etc. and shovel into waste containers with non sparking equipment.

Waste Disposal Method:

Flush to sewage disposal system, bury or incinerate in accordance with all legal regulation.

Section VIII -- Special Protection Information

Respiratory Protection:

Use a NIOSH approved gas mask for ammoniacal vapors, or a mask with an external air source, or a self-contained breathing apparatus.

Ventilation:

Provide adequate ventilation to keep vapor concentration below TLV of 45 ppm and LEL of about 2 to 3%.

Protective Gloves: Use waterproof, chemically resistant rubber or plastic gloves.

Eye Protection: Use face mask or goggles.

Other Protective Equipment:

Wear coveralls or apron if splashing is likely.

Section IX -- Special Precautions

Precautions to be taken in handling and storing:

Store in cool, dry, ventilated area. Handle only in well ventilated areas.

Other Precautions:

Do not take internally. Do not inhale vapors.

Oral LD50 rat, about 6-8 g per Kg.

Skin LD50 rabbit, about 3-4 g per Kg.

Inhalation rat LCLo about 6000 ppm/4 hours.